

# RDM SERIES ROTARY DIP SWITCH

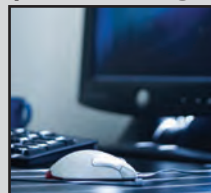
ANTI-VANDAL SWITCHES  
 DETECTOR SWITCHES  
**DIP SWITCHES**  
 KEYLOCK SWITCHES  
 NAVIGATION SWITCHES  
 PUSHBUTTON SWITCHES  
 ROCKER SWITCHES  
 ROTARY SWITCHES  
 SLIDE SWITCHES  
 SNAP ACTION SWITCHES  
 TACTILE SWITCHES  
 TOGGLE SWITCHES  
 CAP OPTIONS



## APPLICATIONS / MARKETS



Audio / Visual



Computer Peripherals



Consumer Electronics



Instrumentation



Telecommunication



Medical Equipment

**RoHS**

## SPECIFICATIONS

**Electrical Rating:**  
 Switching: 42VDC, 100mA  
 Non-Switching: 42VDC, 400mA  
**Life Expectancy:** 25,000 steps  
**Contact Resistance:** 80mΩ Max.  
**Insulation Resistance:** 100 MΩ Min. at 250VDC  
**Dielectric Strength:** 250VAC 1 min.  
**Operating Temperature:** -60°C to 125°C  
**Actuation Force:** 120 gf +/- 30gf  
**Travel:** dependent upon individual switch positions

## FEATURES & BENEFITS

- Offers IP67 sealing protection
- Available in 10 or 16 positions
- Ultra slim size for high density mounting
- Gold contacts

## PART NUMBER CONFIGURATOR

Series	Actuator	Code	Positions	Terminals	Packaging
<input type="text" value="RDM"/>	<input type="text" value="A"/>	<input type="text" value="R"/>	<input type="text" value="10"/>	<input type="text" value="P1"/>	<input type="text" value="T"/>
	A - Arrow Flush B - Shaft 4.5 high E - Shaft 4.2 high	R - Real C - Complementary	10 16	P1 - TH 3x3 terminals S1 - SM 3x3 terminals R1 - Angled 5.08 spacing R2 - Angled 2.54 spacing	T - Tube R - Tape & Reel

*Specifications subject to change without notice*



**E-SWITCH®**

www.e-switch.com

800.867.2717

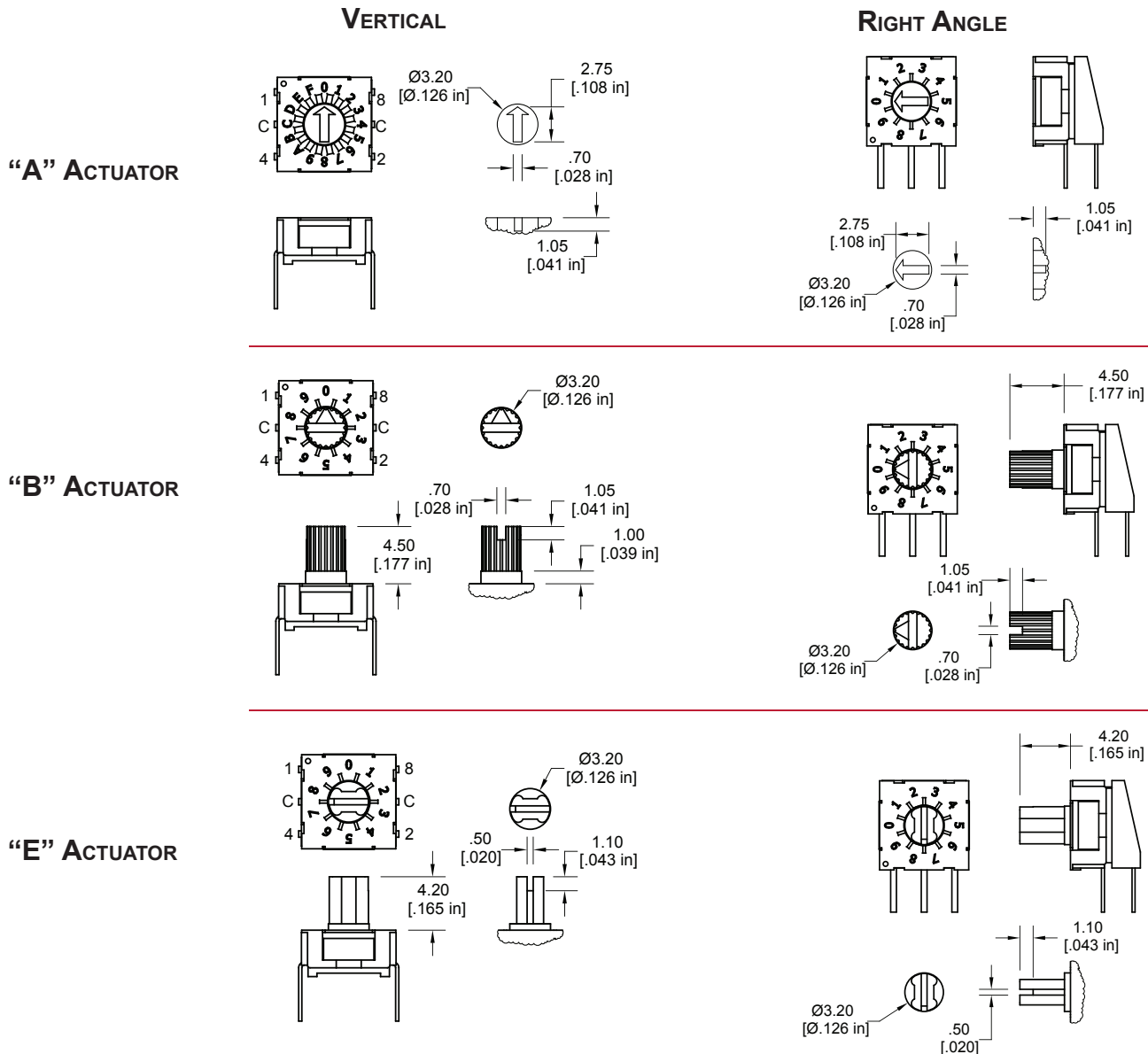
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# RDM SERIES ROTARY DIP SWITCH

## BODY DIMENSIONS



## ACTUATOR OPTIONS



ANTI-VANDAL SWITCHES  
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# RDM SERIES ROTARY DIP SWITCH

## GENERAL CODE

COMPLEMENT CODE

	C	1	2	4	8	
0	●	●	●	●	●	0
1	●		●	●	●	1
2	●	●		●	●	2
3	●			●	●	3
4	●	●			●	4
5	●		●			5
6	●	●			●	6
7	●			●		7
8	●	●	●	●		8
9	●		●	●		9
10	●	●		●		A
11	●			●		B
12	●	●	●			C
13	●		●			D
14	●	●				E
15	●					F

16 POSITION (ACTUATOR COLOR: IVORY)

REAL CODE

	C	1	2	4	8	
0	●					0
1	●	●				1
2	●		●			2
3	●	●	●			3
4	●			●		4
5	●	●		●		5
6	●		●	●		6
7	●	●	●	●		7
8	●				●	8
9	●	●			●	9
10	●		●		●	A
11	●	●	●		●	B
12	●			●	●	C
13	●	●		●	●	D
14	●		●	●	●	E
15	●	●	●	●	●	F

16 POSITION (ACTUATOR COLOR: GRAY)

COMPLEMENT CODE

	C	1	2	4	8
0	●	●	●	●	●
1	●		●	●	●
2	●	●		●	●
3	●			●	●
4	●	●	●		●
5	●		●		●
6	●	●			●
7	●				●
8	●	●	●	●	
9	●		●	●	

10 POSITION (ACTUATOR COLOR: ORANGE)

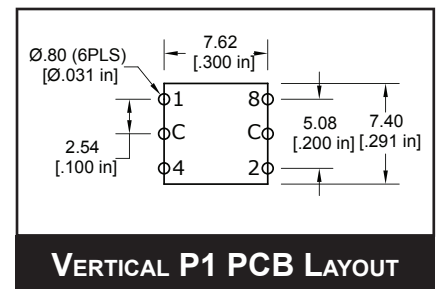
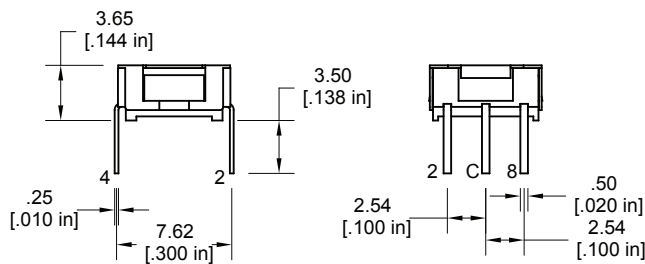
REAL CODE

	C	1	2	4	8
0	●				
1	●	●			
2	●		●		
3	●	●	●		
4	●			●	
5	●	●		●	
6	●		●	●	
7	●	●	●	●	
8	●				●
9	●	●			●

10 POSITION (ACTUATOR COLOR: RED)

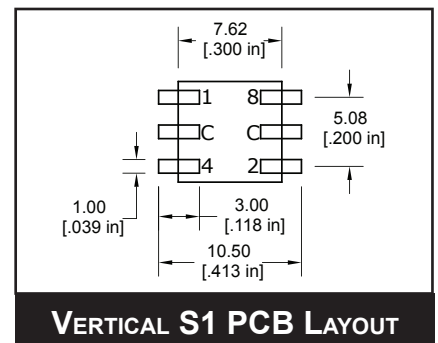
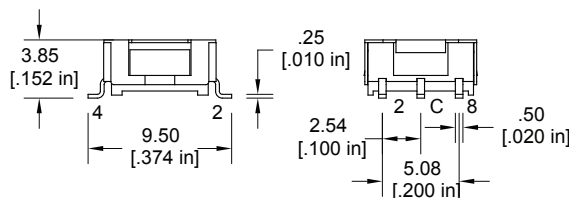
## TERMINATION OPTIONS

### P1 - VERTICAL



VERTICAL P1 PCB LAYOUT

### S1 - VERTICAL



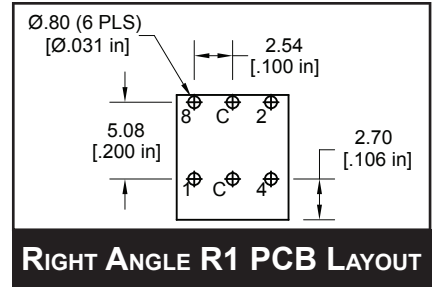
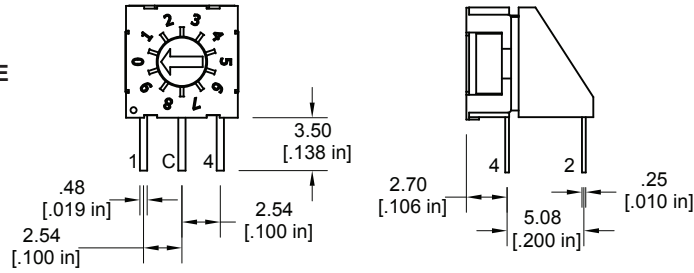
VERTICAL S1 PCB LAYOUT



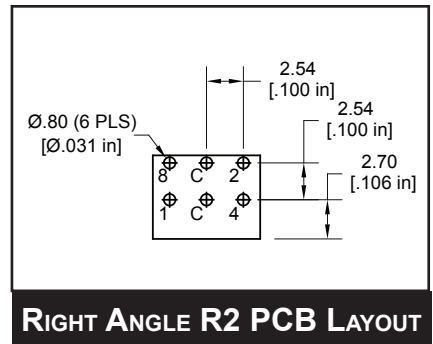
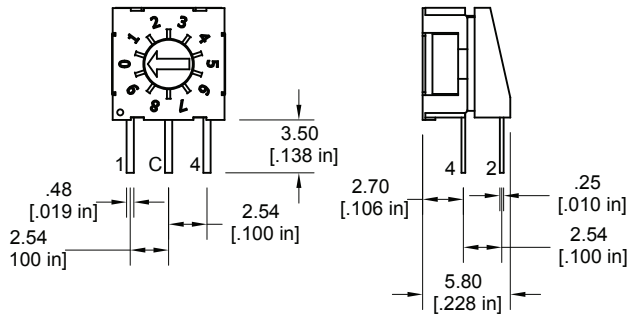
# RDM SERIES ROTARY DIP SWITCH

## TERMINATION OPTIONS (CONT.)

### R1 - RIGHT ANGLE



### R2 - RIGHT ANGLE



- ANTI-VANDAL SWITCHES
- DETECTOR SWITCHES
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- KEYLOCK SWITCHES
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